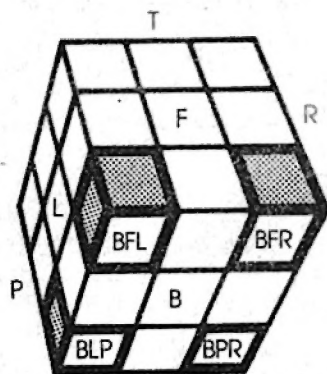


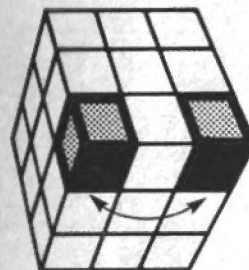
STEP 4: BOTTOM CORNERS (BFL, BFR, BLP, BPR)



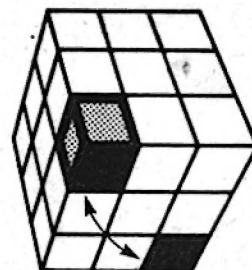
BOTTOM FACE

The next step is to place and orient the 4 corner cubes on the B face. This is done by first placing the cubes and then orienting them. These 4 cubes are not placed independently but as a set all at once. To complete this step, you must follow the instructions of steps 4A-4E just once.

4A. First, it is necessary to rotate the B face until the largest number of bottom-corner cubes are properly positioned with no concern for orientation. Ignore the edge cubes on the B face for now. Rotate the B face until you get either 2 or all 4 of the bottom-corner cubes correctly positioned. It will always be possible to position correctly either 2 or all 4 of the bottom-corner cubes by just rotating the B face. If all 4 are correctly positioned, proceed to step 4D. If 2 are correctly positioned, the 2 that remain out of place will be either on adjacent corners or opposite (diagonal) corners. If they are on adjacent corners, do step 4B. If they are on opposite (diagonal) corners, do step 4C.



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EXCHANGE



DIAGONAL
EXCHANGE

4B. If the 2 out-of-place corner cubes are adjacent, do the following sequence. Hold the cube so that the cubes that must be exchanged are BFL and BFR.

****Exchange BFL and BFR:**

R- B- R+ F+ B+ F- R- B+ R+ B2

Now proceed to step 4D.

4C. If the 2 out-of-place corner cubes are diagonal, do the following sequence. Hold the cube so that the cubes that must be exchanged are BFL and BPR.

****Exchange BFL and BPR:**

R- B- R+ F+ B2 F- R- B+ R+ B+

4D. The 4 bottom-corner cubes are now all properly positioned. Look at the B face and hold the cube so that the color pattern on the bottom corner cubes matches one of the 7 patterns BC1-BC7. Only the bottom color is indicated in black on the patterns BC1-BC7. The only other possibility is that all are oriented correctly. Remember to ignore the bottom-edge cubes for now. If necessary, turn the entire cube in your hand until the pattern matches one of the 7.

This matching of color patterns is done to determine which will be your F face for the next sequence. Make sure the T face is as always and proceed to step 4E.